

EXPRESS MAIL LABEL NO.: EL 569 074 664 US

PATENT APPLICATION

Docket No.: 14531.138



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Paul J. Roy et al.

Serial No.: 10/002,026

Filed: November 15, 2001

Confirmation No.: unknown

For: SCHEDULING AND MULTIPLEXING DATA
FOR BROADCAST TRANSMISSION
OVER MULTIPLE STREAMS

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) Art Unit
) unknown
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INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). While no representation is made that any of these references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record

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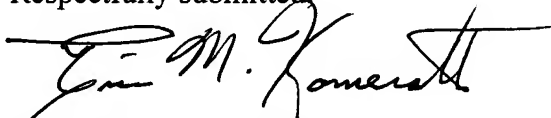
believes that the enclosed art is the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each of the listed references or relevant portion thereof is also enclosed.

Please credit any over payment or charge any additional fees to Deposit Account No. 23-3178 of the undersigned.

Dated this 8th day of January, 2002.

Respectfully submitted,



ERIC M. KAMERATH
Attorney for Applicant
Registration No. 46,081



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Sheet 1 of 2

EXPRESS MAIL LABEL NO.: EL 569 074 664 US

Form PTO-1449

Applicant: Paul J. Roy et al.

Serial No.: 10/002,026

Att'y Docket No.: 14531.138

Filing Date: November 15, 2001

Group: unknown

Confirmation No.: unknown

For: SCHEDULING AND MULTIPLEXING DATA FOR BROADCAST
TRANSMISSION OVER MULTIPLE STREAMS



INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

U.S. Patent Documents

<u>Examiner Initial*</u>	<u>Patent Number</u>	<u>Issue Date</u>	<u>Name</u>	<u>Class</u>	<u>Sub Class</u>	<u>Filing Date</u>
_____ A1.	5,585,838	12/17/96	Lawler et al.	348	13	05/05/95
_____ A2.	6,041,359	03/21/00	Birdwell	709	238	06/09/97
_____ A3.	6,134,596	10/17/00	Bolosky et al.	709	233	09/18/97
_____ A4.	6,173,325 B1	01/09/01	Kukreja	709	224	07/31/98

Other Documents

(including author (if listed), title, relevant pages, date of publication including at least month and year).

Examiner
Initial*

_____ A5. Kim, Jin-Cheol; Park, Nam-Soo; and Yang, Kyu-Tae; FUNCTIONAL ENHANCEMENT OF THE DIGITAL DBS SET TOP BOX FOR THE MULTIMEDIA DATA BROADCAST SERVICES, *Satellite Communication Division*, 1997, vol. 3, pp. 1161-1165.

_____ A6. Vojcic, Branimir; Alagoz, Fatih; Al-Rustamani, Amina; and Pickholtz, Raymond; MANAGEMENT OF HETEROGENEOUS TRAFFIC LOADING IN DBS NETWORKS, *Proceedings of SPIE: Digitization of the Battlespace IV*, April 1999, vol. 3709, pp. 52-63.

Examiner:

Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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EXPRESS MAIL LABEL NO.: EL 569 074 664 US

Form PTO-1449

Sheet 2 of 2

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References Cited by Applicants

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

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Examiner:

Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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EXPRESS MAIL LABEL NO.: EL 569 074 664 US

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TRANSMITTAL FOR INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

Transmitted herewith for filing and pursuant to 37 C.F.R. § 1.97 is an Information Disclosure Statement.

Enclosed also are the following designated documents, as required under 37 C.F.R. §§ 1.97 and 1.98:

- ☒ Form PTO-1449 list of six (6) references submitted for consideration.
- ☒ Legible copies of the listed references or their relevant portions.
- ☐ All English translations of each nonenglish reference, if any, within the possession, custody, control or availability of anyone designated in 37 C.F.R. § 1.56(c) (see 37 C.F.R. § 1.98(c)).

The following are included within the Information Disclosure Statement if applicable and as required under 37 C.F.R. § 1.98:

- ☐ Concise explanation of relevance of each reference not in English and unaccompanied by an English translation.

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____ Statement that certain listed references not enclosed are substantially cumulative of an enclosed reference.

____ Statement that certain listed references not enclosed were previously cited by or submitted to the Office in the identified prior application which is relied upon for an earlier filing date under 35 U.S.C. § 120.

In order to secure consideration of the items designated above, one or more of the following, if required, is also enclosed:

____ Promptness Certification.

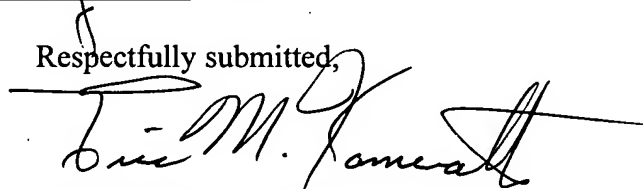
____ Check No. _____ in the amount of \$240.00 constituting submission fee under 37 C.F.R. 1.17(p);

____ Petition for Consideration and Check No. _____ in the amount of \$ _____.

X In the event that 37 C.F.R. § 1.97(c) applies and the Examiner is not satisfied that the Promptness Certification meets the requirements of 37 C.F.R. § 1.97(e), or in any other event remediable by a fee, please credit any over payment or charge any additional fees to Deposit Account No. 23-3178 of the undersigned.

Dated this 8th day of January, 2002.

Respectfully submitted,



ERIC M. KAMERATH
Attorney for Applicant
Registration No. 46,081

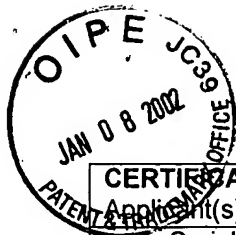


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**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): Paul J. Roy et al.

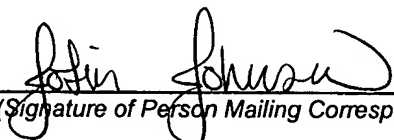
Docket No.
14531.138Serial No.
10/002,026Filing Date
November 15,
2001Confirmation No.
unknownExaminer
unknownGroup Art Unit
unknownInvention: SCHEDULING AND MULTIPLEXING DATA FOR BROADCAST TRANSMISSION OVER
MULTIPLE STREAMS

I hereby certify that the Transmittal letter (2 pages) (in triplicate); Information Disclosure Statement (2 pgs); Form PTO-1449 Listing all Cited References (2 pgs); Legible Copies of Six (6) Cited References; and postcard are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, DC 20231 on JAN. 8, 2002.

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JOLIN JOHNSON

(Typed or Printed Name of Person Mailing
Correspondence)



(Signature of Person Mailing Correspondence)

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